DILLI GANESH

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EDUCATION

RMD ENGINEERING COLLEGE **Thiruvallur,Tamil Nadu**
B.E.CSE cgpa - 9.32 *2020-2024*
VELAMMAL MATRICULATION HIGHER SECONDARY SCHOOL **Chennai,Tamil Nadu**
HSC - 92.8% & SSLC - 84% *2018-2020*

TECHNICAL SKILLS

Programming Languages: Java,C,Python,SQL,Javascript(Basics).
Technologies & Frameworks: Tensorflow,Numpy,Pandas,Scikit-learn,Keras,Git,Github,HTML,CSS,Streamlit.
Models & Algorithms: Supervised and Unsupervised algorithms,CNN,RNN,LSTM,Transformers.
Soft Skills: Adaptability,Team spirit,Analytical skills,Listening & Communication skills.

WORK EXPERIENCE

AI Engineer Intern
Constient Global Solutions,Chennai *Jan 2024 - present*

- Actively involved in a groundbreaking project that aims to improve communication access for the deaf-mute community by implementing advanced tech solutions.
- Developed and launched two key projects recently—one focusing on predicting diseases and the other on forecasting time series data. Both projects were pivotal in showcasing our latest technology to potential clients

Technologies used:
Tensorflow,Keras,OpenCV,Mediapipe,DeepLearningFrameworks,Python,FastAPI,Github,HTML,CSS,Javascript,Streamlit.

Data Science Intern
Oasis Infobyte,Chennai *Sep 2023 - Oct 2023*

- Initiated and executed comprehensive data integrity protocols as a Data Science Intern, followed by deep analytical reviews using Seaborn to derive actionable insights. Successfully applied predictive and classification techniques to enhance project deliverables, affirming my expertise in machine learning.

Technologies used:
MachineLearning Algorithms,Python,Statistics,Streamlit.

PROJECTS

- **Sign Action Recognition**, Developed an LSTM model capable of recognizing sequential action gestures and predicting signs. GitHub
- **Leaf Disease Classifier**, Created a model for predicting 38 types of plant diseases using CNN, a Deep Learning algorithm. Github
- **Multiple Disease Prediction**, Implemented several models for diagnosing human diseases using Machine Learning algorithms. Try it!
- **Chronic Kidney Disease Classifier**, Utilized ResNet, a pretrained CNN model, to develop a classifier for early classification of kidney disease types. Github
- **Demand Forecaster**, Implemented a forecaster based POC for a store using weekly sales data by using RandomForestRegressor. Try it!

CERTIFICATIONS

- **Amazon:**Amazon ML Summer School Certification
- **Coursera,Infosys:**Tensorflow for CNNs
- **Udemy:**AI Essentials-Introduction to Artificial Intelligence
- **HackerRank:**Java Basics Certification

ACHIEVEMENTS

- **Academic Excellence**-Awarded with gift coupons worth Rs.2500 for securing top 10 position in CSE Dept.
- **Coding Competition**-Won a cash prize Rs.1000 for securing second position in coding competition conducted at Velammal Institute of Technology.
- **Event Co-ordinator**- Led coordination efforts for the paper presentation event at Rendezvous, ensuring smooth execution and participant satisfaction.
- **Guiness World Record Participation**- Contributed to Guvi's Face Recognition app development using Python.